

## ABSTRACT OF THE DISCLOSURE

- 5 In the three-dimensional graphics drawing apparatus, a color register has an  $\alpha$  register in which a Z-coordinate value of an object is set as its  $\alpha$  value. A drawing unit draws the object based on coordinate data stored in a coordinate register and color data stored in the color register. Accordingly, the degree of transparency of a drawing object that is closer to the front increases, and a portion that is hidden behind the drawing object becomes apparent. Visibility is thus increased.